



December 28, 2000

Mr. Manho Yeung
Manager, Transmission Planning
Pacific Gas & Electric Company
P.O. Box 770000
Mail Code N3B
San Francisco, CA 94177-0001

Dear Mr. Yeung:

POTRERO POWER PLANT UNIT 7 PROJECT DATA REQUESTS —SET 3A (PG&E)

Southern Energy of California (applicant) has filed with the California Energy Commission an Application for Certification (AFC) to construct and operate its Potrero Power Plant Unit 7 Project at the existing Potrero Power Plant site in San Francisco. Energy Commission staff is conducting its analysis of the AFC, part of which is an analysis of alternatives to the project. Ms. Susan Lee, a contractor to staff, has met with you to gather information necessary to assess alternatives. Staff appreciates the assistance provided to Ms. Lee, but additional information is necessary to complete the analysis.

Therefore, pursuant to Title 20, California Code of Regulations, section 1716, the Energy Commission staff requests the information specified in the enclosed data requests. The information requested is necessary to: 1) more fully understand the project, 2) assess whether the facility will be constructed and operated in compliance with applicable regulations, 3) assess whether the project will result in significant environmental impacts, 4) assess whether the facilities will be constructed and operated in a safe, efficient and reliable manner, and 5) assess potential mitigation measures.

Written responses to the enclosed data requests are due to the Energy Commission staff on or before January 29, 2001. Staff expects to conduct one or more public workshop(s) to discuss current data requests and data responses in San Francisco during the third week of January 2001. The date(s) and time(s) will be issued no later than ten (10) calendar days prior to the workshop(s). At the workshop(s), PG&E will be provided with an opportunity to ask staff questions that may be needed to clarify the data requests.

If you are unable to provide the information requested, need additional time to provide the information, or object to providing it, you should send a written notice to both Commissioner Robert Pernell, and to me within 15 days of receipt of this notice. The notification must contain the reasons for not providing the information, the need for additional time and the grounds for any objections (see Title 20, California Code of Regulations, section 1716 (f)).

If you have any questions regarding the enclosed data requests, please call me at (916) 653-0159.

Sincerely,

Marc S. Pryor
Energy Facility Siting Project Manager

Enclosure

cc: Potrero Power Plant Unit 7 Project Proof of Service List
Docket (00-AFC-4)

POTRERO POWER PLANT UNIT 7 PROJECT
DATA REQUESTS ISSUED TO PG&E
(00-AFC-4)

TECHNICAL AREA: Alternatives
AUTHOR: Susan Lee

BACKGROUND

The alternatives analysis must be based on a complete understanding of the electric transmission system in and south of San Francisco. This is for two reasons: (1) power plant site alternatives need to be located where adequate transmission is present (or can be constructed); and (2), the proposed project includes a double circuit 115 kV transmission line between the Potrero and Hunters Point Substations and alternatives to that portion of the project must be considered.

DATA REQUESTS

PG&E 1. Please provide a detailed map of the 60 kV and above transmission system within and adjacent to the City of San Francisco, from Martin Substation north (scale at least 1"=2500 feet). In addition, please provide a map of the transmission system for the entire Bay Area (less detailed for this map is acceptable; showing the Tesla Substation on the east, the Pittsburg area generation facilities on the north, the Metcalf Substation on the south, and the entire San Francisco peninsula).

BACKGROUND

The applicant's Application for Certification (AFC) (Section 2.2.13.2, paragraph 1) states that PG&E will complete a Detailed Facility Study (DFS) in late 2000.

DATA REQUESTS

PG&E 2. Please provide a copy of the DFS report, or an explanation of its status.

BACKGROUND

The alternatives analysis will evaluate alternatives to the proposed 115 kV connection to Hunters Point Substation. In order to evaluate whether the electricity generated by Potrero Unit 7 could be delivered into PG&E's transmission system at some other point, information about other 115 kV substations or transmission connections is required.

DATA REQUESTS

PG&E 3. Please explain why the proposed 115 kV transmission line would be best constructed to Hunters Point Substation, rather than to the Bayshore or Mission Substations.

PG&E 4. Please provide information on the exact locations of the Bayshore and Mission Substations.

POTRERO POWER PLANT UNIT 7 PROJECT
DATA REQUESTS
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PG&E 5. Please provide what would be the length of the 115 kV line from Potrero to those sites.

PG&E 6. Please provide whether there are other substations that could be connected to Potrero, and if so, their location(s).

PG&E 7. Please describe other options to connect the Potrero Power Plant with the existing PG&E 115 kV system, including tapping into the existing underground 115 kV lines in the vicinity of Potrero site.

BACKGROUND

The recent PG&E/California Independent System Operator (CAISO) transmission study of the San Francisco area noted the near term need for a single 115kV circuit between Potrero and Hunters Point irrespective of the construction of the project.

DATA REQUESTS

PG&E 8. To what extent is the single Hunters Point-Potrero circuit needed if the project is connected to the system via an interconnection at some other station, such as noted in the above data request? Do the short-term needs of the system require this line to be constructed regardless of how the project is interconnected?